

Abstract

Method for connecting a supply conductor wire to a contact plate of an electric lamp

The invention relates to a method for connecting a contact plate (2) a lamp cap to the supply conductor wire (4) which is passed through an aperture (2a) in the contact plate (2). With the aid of a wire (5) which serves as filler, the supply conductor wire (4) and the contact plate (2) are soldered together, by generating an arc between the additional wire (5) and the supply conductor wire (4) or the contact plate (2). The solidified molten material of the additional wire (5) closes off the aperture (2a) and produces a reliable soldered join between the supply conductor wire (4) and the contact plate (2). The polarity of the electric voltage used to generate the arc is advantageously such that the additional wire (5) acts as an anode and the contact plate (2) or the supply conductor wire (4) acts as a cathode. The soldering process according to the invention advantageously takes place under an inert-gas atmosphere.

Figure 1

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